

682009

Class  
Subclass  
ISSUE/CLASSIFICATION

5652719



5652719

PATENT SERIAL NUMBER	08/682009	PATENT DATE	JUL 29 1997	PATENT NUMBER	
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SERIAL NUMBER	08/682009	FILING DATE	07/16/96	CLASS	263	SUBCLASS	185.22	GROUP ART UNIT	2517	EXAMINER	CLAWSON
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APPLICANTS

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Verified and Acknowledged	Examiner's Initials		JP	1	1		07/21/96	13-0671-0001

ADDRESS

TITLE

U.S. DEPT. OF COMM./PAT. &amp; TM—PTO-436L (Rev.12-94)

PARTS OF APPLICATION  
FILED SEPARATELY

NOTICE OF ALLOWANCE MAILED

12-23-96

ISSUE FEE

Amount Due	Date Paid
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Label Area

Assistant Examiner

JOSEPH E. CLAWSON, JR.  
PRIMARY EXAMINER  
GROUP 2500

Primary Examiner

PREPARED FOR ISSUE

CLAIMS ALLOWED

Total Claims	Print Claim
17	11

DRAWING

Sheets Drwg	Figs Drwg	Print Fig
29	46	15, 33

ISSUE  
BATCH  
NUMBER

H71

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(Rev. 8/92)

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(FACE)

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\* U.S. GOVERNMENT PRINTING OFFICE: 1991-302-420

PATENT NUMBER

## ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

J365

185.03

APPLICATION SERIAL NUMBER

108 1682, 009

## CROSS REFERENCE(S)

CLASS

SUBCLASS  
(ONE SUBCLASS PER BLOCK)

APPLICANT'S NAME (PLEASE PRINT)

TANAKA ET AL.

J365

185.17

185.22

IF REISSUE, ORIGINAL PATENT NUMBER

## INTERNATIONAL CLASSIFICATION

G 1 1 C 16/04

GROUP  
ART UNIT

2511

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

JOSEPH E. CLARK

PTO 270  
(REV. 5-91)

## ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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